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TITLE: POLYPROPYLENE RESIN COMPOSITION AND CONTAINER
PUEN-DATE: June 5, 2001

INVENTOR-INFORMATION:

NAME	COUNTRY
WADA, ISAO	N/A

ASSIGNEE-INFORMATION:

NAME	COUNTRY
GRAND POLYMER:KK	N/A

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ABSTRACT:

PROBLEM TO BE SOLVED: To provide a polypropylene resin composition which has its clarity and impact resistance simultaneously improved in a good balance and is suitable for producing a container.

SOLUTION: This composition is prepared by compounding 100 pts.wt. resin comprising 70-90 wt.% polypropylene having an MFR(melt flow rate) of 4-50 and 10-30 wt.% ethylene/6-20C α -olefin copolymer having an MFR of 0.5-40 and a density of 0.890-0.915 with 0.1-0.3 pt.wt. organic phosphate nucleating agent. Preferably, the ratio (G'/G'') of storage modulus (G') to loss modulus (G'') in the dynamic viscoelasticity measurement of this composition is 0.5 or higher when the angular velocity is 0.1 rad/s and is 1 or higher when the

angular velocity is 10 rad/s or higher.

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